

<110> Moreadith, Randall
Schoonjans, Luc

<120> Pluripotent Embryonic Stem (ES) Cell Lines
And Their Use In The Generation Of Chimeric Rabbits

<130> 702-001446

<140> US 09/628,883

<141> 2000-07-31

<150> US 08/810,945

<151> 1997-02-27

<150> US 60/214,859

<151> 2000-06-28

<160> 2

<170> Microsoft Word 97 SR-2

<210> 1

<211> 591

<212> DNA

<213> Oryctolagus cuniculus

<220>

<223> Rabbit Leukaemia Inhibitory Factor (LIF)

<400> 1

```
ggagtcgtgc ccctgctgct ggtcttgcac tggaaaccog gggcggggag ccccttccc 60
atcaaccocg tcaacgccac ctgcaacaca caccacccat gcccagcaa cctcatgagc 120
cagatcagga gccagctggc acagctcaat ggcactgcca acgccctctt tattctctat 180
tacacagccc aaggggagcc gttccccaac aacctggaca agctgtgcgg ccccaatgtg 240
acggacttcc cgcccttcca cgccaacggc acggagaagg tcaggctggt ggagctgtac 300
cgcctcgtcg cctaccttgg caccgcctcg ggcaacatca cccgggacca gaagaccctc 360
aaccacacgg cgcacagcct gcacagcaaa ctcaacgcca cggcgagcac gctgcggggc 420
ctgcttagca acgtgctgtg ccgcctgtgc agcaagtacc acgtggccca cgtggacgtg 480
gcctatggcc cggacacctc gggcaaggac gtcttccaga agaagaagct ggggtgtcag 540
ctgctgggaa aatacaagca ggtcatggcc gtgttggcgc aggccttcta g 591
```

<210> 2

<211> 196

<212> PRT

<213> Oryctolagus cuniculus

<220>

<223> Rabbit Leukaemia Inhibitory Factor (LIF)

<400> 2

```
Gly Val Val Pro Leu Leu Leu Val Leu His Trp Lys Pro Gly Ala Gly
1 5 10 15
```

```
Ser Pro Leu Pro Ile Asn Pro Val Asn Ala Thr Cys Asn Thr His His
20 25 30
```

```
Pro Cys Pro Ser Asn Leu Met Ser Gln Ile Arg Ser Gln Leu Ala Gln
35 40 45
```

```
Leu Asn Gly Thr Ala Asn Ala Leu Phe Ile Leu Tyr Tyr Thr Ala Gln
```

10032279 010402

50		55		60											
Gly 65	Glu	Pro	Phe	Pro	Asn 70	Asn	Leu	Asp	Lys	Leu 75	Cys	Gly	Pro	Asn	Val 80
Thr	Asp	Phe	Pro	Pro	Phe 85	His	Ala	Asn	Gly 90	Thr	Glu	Lys	Val	Arg	Leu 95
Val	Glu	Leu	Tyr	Arg	Ile 100	Val	Ala	Tyr	Leu 105	Gly	Thr	Ala	Leu	Gly	Asn 110
Ile	Thr	Arg	Asp	Gln	Lys 115	Thr	Leu	Asn	Pro	Thr	Ala	His	Ser	Leu	His 125
Ser	Lys	Leu	Asn	Ala	Thr 130	Ala	Asp	Thr	Leu	Arg	Gly	Leu	Leu	Ser	Asn 140
Val	Leu	Cys	Arg	Leu	Cys 145	Ser	Lys	Tyr	His	Val	Ala	His	Val	Asp	Val 160
Ala	Tyr	Gly	Pro	Asp	Thr 165	Ser	Gly	Lys	Asp	Val	Phe	Gln	Lys	Lys	Lys 175
Leu	Gly	Cys	Gln	Leu	Leu 180	Gly	Lys	Tyr	Lys	Gln	Val	Met	Ala	Val	Leu 190
Ala	Gln	Ala	Phe		195										